**EAST Search History**

**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp | |
|-------|------|--------------|-----|------------------|---------|------------|---|
| L6 | 1 | (((photonic near2 crystal) or heterostructure) and waveguide and obliqu$4 and (multiplex$4 or demultiplex $4) and (exclud$4 or reflect $4) and branch).clm. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | AND | ON | 2010/02/17 08:39 | |
| S1 | 10 | ("20020009277" \| "20020118923" \| "20040017960" \| "20040184715" \| "5253319" \| "5612171" \| "6130969" \| "6310991" \| "6512866" \| "6738551").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | AND | ON | 2010/02/16 09:00 | /RSP/ |
| S2 | 20 | ("5526449" \| "5784400" \| "6468823").PN. OR ("6738551").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2010/02/16 09:04 | /RSP/ |
| S3 | 8 | ("20020009277" \| "6542682" \| "6640034" \| "6674949" \| "6697542" \| "6738551" \| "7123804" \| "7215842").PN. OR ("7428352").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2010/02/16 09:08 | /RSP/ |
| S4 | 51 | ("20020021878" \| "4894726" \| "5526449" \| "5651079" \| "5682401" \| "5748057" \| "5751466" \| "5802236" \| "5963683" \| "5973823" \| "5978530" \| "5987208" \| "6028693" \| "6134043" \| "6134369" \| "6175671" \| "6278105" \| "6310991" \| "6334017").PN. OR ("6640034").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2010/02/16 09:10 | /RSP/ |
| S5 | 675 | ((susumu near2 noda) or (takashi near2 asano) or (Seiichi near2 takayama)).in. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | AND | ON | 2010/02/16 09:29 | /RSP/ |
| S6 | 3 | ("6101300" \| "6130969" \| "6512866").PN. OR ("7184638").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2010/02/16 09:39 | /RSP/ |

| S7 | 3473 | (photonic near2 crystal) and (multiplex$4 or demultiplex $4 or switch$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | AND | ON | 2010/02/16 09:47 | |
| S8 | 1928 | S7 and (@ad<"20050324") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | AND | ON | 2010/02/16 09:47 | /RSP/ |
| S9 | 2 | ("2005/0030611").URPN. | USPAT | AND | ON | 2010/02/16 12:10 | /RSP/ |
| S10 | 0 | ("2004/0165815").URPN. | USPAT | AND | ON | 2010/02/16 12:15 | |
| S11 | 8 | ("20020009277" | "20030161577" | "20040126055" | "5784400" | "6512866" | "6618535" | "6775430" | "6891993").PN. OR ("7590325").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2010/02/16 12:32 | /RSP/ |
| S12 | 5 | ("20010026668" | "20020146196" | "5999308" | "6643439" | "6738551"). PN. OR ("7440658").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2010/02/16 12:36 | /RSP/ |
| S13 | 6 | ("20020009277" | "6101300" | "6687447" | "6917744" | "6947649").PN. OR ("7224862").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2010/02/16 12:48 | /RSP/ |
| S14 | 32 | ("20010026668" | "20020021878" | "20030011775" | "6433919" | "6542654" | "6542682" | "6618535" | "6697542" | "6822784").PN. OR ("6937781").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2010/02/16 12:55 | /RSP/ |
| S15 | 7 | ("20020021878" | "20020172456" | "20030026570" | "20030056546" | "6188819" | "6853760").PN. OR ("6922509").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2010/02/16 12:57 | /RSP/ |
| S16 | 4 | ("5999308" | "6618535"). PN. OR ("6832033").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2010/02/16 13:01 | /RSP/ |
| S17 | 17 | ("20010026659" | "20030169787" | "20030174961" | "5998298" | "6188819" | "6317554" | "6621644").PN. OR ("6813399").URPN. | US-PGPUB; USPAT; USOCR | AND | ON | 2010/02/16 13:02 | /RSP/ |

| S18 | 10209 | 385/16-18,20-24,125.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | AND | ON | 2010/02/16 13:09 |
| S19 | 9059 | S18 and (@ad<"20050324") | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | AND | ON | 2010/02/16 13:09 |
| S20 | 8838 | S19 not S8 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | AND | ON | 2010/02/16 13:09 |
| S21 | 1885 | S20 and photon$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | AND | ON | 2010/02/16 13:10 |

/RSP/

## EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|-----|------------------|---------|------------|
| L7 | 0 | (((photonic near2 crystal) or heterostructure) and waveguide and obliqu$4 and (multiplex$4 or demultiplex$4) and (exclud$4 or reflect$4) and branch).clm. | USPAT; UPAD | AND | ON | 2010/02/17 08:39 |

/RSP/

2/17/2010 8:40:21 AM
H:\Workspaces\10584942.wsp